

Please amend the present specification as follows (see the attached Appendix for the changes made to effect the below revisions to the specification):

Paragraph at page 24, starting at line 17

3b

103b

3W 5' -AATTCTCCTATTCTCTAGAAAGTATAGGGAA- 3' (SEQ ID NO: 29)

3' -GAGGATAAGAGATCTTCATATCTTTCGA- 5' (SEQ ID NO: 30)

3a

103a

REMARKS

Reconsideration and allowance of the present application are respectfully requested.

In the Amendment filed November 21, 2002, the specification was erroneously amended at the paragraph beginning at page 24, line 17. In the November 21, 2002 Amendment, the specification was revised to conform with SEQ ID NO: 30. However, SEQ ID NO: 30 should be read in the direction of 5' to 3' and thus the disclosure in the originally filed text was correct. The above amendment of the specification brings the text back to the language as originally filed with the addition of sequence identification numbers. In the attached Appendix, the use of underlines to show substitute text has not been employed in order to avoid confusion, since the original text contained underlines. However, the substitute text has been verbally identified. No new matter has been added.

In response to the request for substitute sequence listing (copy of the Notice to Comply is attached to this Response) and in accordance with 37 CFR 1.821(c), a substitute "Sequence Listing" is submitted herewith. It is respectfully

requested that the Listing be entered into the application in replacement of the sequence listing filed November 21, 2002. The Sequence Listing does not include new matter. A copy of the "Sequence Listing" in computer readable form is also submitted herewith, in accordance with 37 CFR 1.821(e), and includes no new matter.

Furthermore, in accordance with 37 CFR 1.821(f), it is submitted that the contents of the paper copy and the computer readable copy of the Sequence Listing are the same.

In view of the above and the attached substitute sequence listing, it is believed that this application is in condition for allowance and a Notice to that effect is respectfully requested.

Respectfully submitted,

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APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

Please amend the present specification as follows:

Paragraph at page 24, starting at line 17

Delete the following text

[3b]

3W 5' -AATTCTCCATTCTCTAGAAAGTATAGGAA- 3' (SEQ ID NO: 29)

3' -AGCTTTCCCTATACCTTCTAGAGAATAGGAG- 5' (SEQ ID NO: 30)

103a

3a 1

and replace it with the following text

3b

103b

3W 5' -AATTCTCCTATTCTCTAGAAAGTATAGGAA- 3' (SEQ ID NO: 29)

3' -GAGGATAAGAGATCTTCATATCCTTCGA- 5' (SEQ ID NO: 30)

3a

103a